

Lectures spring semester 2011**ZNZ Advanced Course in Neurobiology****Mondays, 17:00 – 18:45 Uhr
(12th April Tuesday)****Lecture hall 17H05
Institute of Pharmacology and Toxicology****“Functional anatomy of the rodent brain”**

Date	Lecturer	Topic
February 21	Bruno Weber	Somatosensory System
February 28	Florent Haiss	Somatosensory System
March 7	Hanns Ulrich Zeilhofer	Pain processing
March 14	Jean-Marc Fritschy	Olfactory System
March 21	Daniel Kiper	Visual System (compl. introductory course)
March 28	Jean-Marc Fritschy	Central autonomic System
April 4	Christopher Pryce	Neuroendocrine system – HPA axis
April 12 (Tuesday)	Dominik Straumann	Vestibular System
April 18	Olivier Raineteau	Auditory System (compl. introductory course)
May 2	Urs Gerber	Motor System
May 9	Gregoire Courtine	Motor System
May 16	David Wolfer	Limbic System
May 23	David Wolfer	Limbic System
May 30	Hans Welzl	Frontal Lobe and cognitive functions

Coordinators:
PD Dr. Irene Knuesel / Prof. Jean-Marc Fritschy

For registering, please send an e-mail to knuesel@pharma.uzh.ch

ZNZ course “Functional anatomy of the rodent brain”

The goal of this lecture series is to provide comprehensive insights into the neuroanatomy, neurochemistry, and functional aspects of the major brain structures and their interconnections, focusing primarily on mouse and rat brain. It will consist of two parts: In part I (autumn term), the lectures and practical demonstrations will cover the anatomy, cellular, and synaptic organization of the spinal cord, brainstem, cerebellum, basal ganglia, thalamus, hypothalamus, neocortex and hippocampus, including the organization of major neurotransmitter systems in these regions. In part II (spring term), they will address the structural and functional organization of these brain systems with emphasis on nociception, olfactory and somatosensory systems, as well as auditory, vestibular, visual, motor, emotional, and cognitive processing.

See the detailed program on the ZNZ homepage.

Participants should have completed the Introductory Course in Neuroscience. The lectures will take place on Monday evening (17 h 00 - 19 h 00), at the seminar room of the Institute of Pharmacology and Toxicology (Y17H05).

For registering, please send an e-mail to PD Dr. Irene Knüsel (knuesel@pharma.uzh.ch).